

Cucullia speyeri* (A Moth)*Priority 3 Species of Greatest Conservation Need (SGCN)****Class:** *Insecta* (Insects)**Order:** *Lepidoptera* (Butterflies, Skippers, And Moths)**Family:** *Noctuidae* (Noctuid Moths)**General comments:**

Historic record(s); habitat and host plant undocumented, although may be tied to pitch pine/scrub oak barrens in ME; moderate chance of rediscovery (D. Schweitzer)

Species Conservation Range Maps for A Moth:Town Map: [Cucullia speyeri Towns.pdf](#)Subwatershed Map: [Cucullia speyeri HUC12.pdf](#)**SGCN Priority Ranking - Designation Criteria:****Risk of Extirpation:** NA**State Special Concern or NMFS Species of Concern:** NA**Recent Significant Declines:** NA**Regional Endemic:** NA**High Regional Conservation Priority:** NA**High Climate Change Vulnerability:** NA**Understudied rare taxa:** NA**Historical:**

Species currently listed as state (SH) or global (GH) historical (by MDIFW or NatureServe) that have some reasonable probability of rediscovery with further survey effort.

State Rank: SH, **Global Rank:** G4, **Rounded Global Rank:** G4, **MDIFW Historical:** Yes

MDIFW Historical Notes: Historic record(s); habitat and host plant undocumented, although may be tied to PPSO barrens in ME; moderate chance of rediscovery (D. Schweitzer)

Culturally Significant: NA**Habitats Assigned to A Moth:****Formation Name** Northeastern Upland Forest**Macrogroup Name** Central Oak-Pine

Habitat System Name: Northeastern Interior Pine Barrens **Notes:** *may be tied to PPSO barrens; habitat and host plant undocumented*

Macrogroup Name Northern Hardwood & Conifer

Habitat System Name: Northern Hardwood & Conifer Macrogroup - Unknown Habitat System **Notes:** *habitat associations largely unknown*

Stressors Assigned to A Moth:

No Stressors Currently Assigned to A Moth or other Priority 3 SGCN.

Species Level Conservation Actions Assigned to A Moth:

No Species Specific Conservation Actions Currently Assigned to A Moth or other Priority 3 SGCN.

Conservation Actions Associated with the Dry Barrens Lepidoptera Guild:

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Prepare occurrence maps and pesticide spray consultation guidelines for rare Lepidoptera and distribute to strategic partners including Maine Bureau of Pesticides Control.

Stressor(s) Addressed By This Conservation Action

Agricultural and Forestry Effluents

Conservation Action**Category:** Habitat Management**Biological Priority:** critical**Type:** new

Conduct a statewide review of potential high quality barrens habitat that is threatened by succession and identify strategic habitat restoration actions for implementation by key conservation partners.

Stressor(s) Addressed By This Conservation Action

Fire and Fire Suppression

Broad Taxonomic Group Conservation Actions:

Additional relevant conservation actions for this species are assigned within broader taxonomic groups in Maine's 2015 Wildlife Action Plan: Element 4, Table 4-1.

Habitat Based Conservation Actions:

Additional conservation actions that may benefit habitat(s) associated with this species can be found in Maine's 2015 Wildlife Action Plan: Element 4, Table 4-15. Click on the Habitat Grouping of interest to launch a habitat based report summarizing relevant conservation actions and associated SGCN.

The Wildlife Action Plan was developed through a lengthy participatory process with state agencies, targeted conservation partners, and the general public. The Plan is non-regulatory. The species, stressors, and voluntary conservation actions identified in the Plan complement, but do not replace, existing work programs and priorities by state agencies and partners.